

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	99741	("83").CLAS.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/12/02 12:40
L2	64	1 and (ultrasonic and punch)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/12/02 12:40
L3	2	((("4343111") or ("4992639")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/12/02 12:49
L4	26	("2791066" "3699719").PN. OR ("4343111").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/12/02 12:49
L5	1	4 and punch	US-PGPUB; USPAT; USOCR	OR	OFF	2008/12/02 12:50
L6	22	("2676604" "3465627" "3546742" "3599623" "4051734" "4063844" "4204447" "4270559" "4331170" "4343111" "4449434" "4655480" "4667552" "4992639" "5159865").PN. OR ("5257644").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/12/02 12:50
L7	44	(takahashi same noriyoshi).in.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/12/02 12:52
L8	2	7 and (press punch)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/12/02 12:52
L9	20	(kawamura same toshio).in.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/12/02 12:53
L10	287	ishii.in. and (punch punching)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/12/02 12:55
L11	33	10 and ultrasonic	US-PGPUB; USPAT; USOCR	OR	OFF	2008/12/02 12:55
L12	8	("0144286" "2791066" "4343111").PN. OR ("5303510").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/12/02 12:59
L13	12	("2034308" "2850854" "4093754" "5197234" "5303510" "5307594" "5967880" "6422920").PN. OR ("6612906").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/12/02 13:00
L14	134	(83/356.2).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/12/02 13:13

L15	1	14 and ultrasonic	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/12/02 13:13
L16	825	(83/660,681,682).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/12/02 13:15
L17	9	16 and ultrasonic	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/12/02 13:15
L18	1	("4160055").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/12/02 13:17
L21	10	("1716414" "3640167" "3700150" "3739669" "5156076").PN. OR ("5413018").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/12/02 13:45
L22	122	(83/956).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/12/02 14:23
L23	0	22 and (press punch).ti.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/12/02 14:25
L24	26	22 and (press punch)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/12/02 14:25
L26	72	(US-20070069003-\$ or US-20040168559-\$ or US- 20040112188-\$ or US- 20060060046-\$ or US- 20010006016-\$ or US- 20040149115-\$ or US- 20010042427-\$ or US- 20060096434-\$).did. or (US-6598505-\$ or US- 6305258-\$ or US- 3974728-\$ or US- 5413018-\$ or US- 5320013-\$ or US- 5692423-\$ or US- 5448933-\$ or US- 3583266-\$ or US- 4007653-\$ or US- 6240818-\$ or US- 7024978-\$ or US- 7343770-\$ or US- RE37323-\$ or US- 6880441-\$ or US- 3683736-\$ or US- 3634916-\$ or US- 6370931-\$ or US- 5257644-\$ or US- 3699719-\$ or US-	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/12/02 16:24

		4343111-\$ or US- 4992639-\$ or US- 5195410-\$ or US- 5303510-\$ or US- 6612906-\$ or US- 2850854-\$ or US- 7063596-\$).did. or (US- 6036578-\$ or US- 6391042-\$ or US- 5862728-\$ or US- 4671149-\$ or US- 4747895-\$ or US- 4160055-\$ or US- 3640167-\$ or US- 3739669-\$ or US- 2651148-\$ or US- 2774193-\$ or US- 5134911-\$ or US- 3555950-\$ or US- 3595453-\$ or US- 3817141-\$ or US- 4409659-\$ or US- 5944924-\$ or US- 6095023-\$ or US- 7047859-\$).did. or (US- 2369896-\$ or US- 2404793-\$).did. or (WO- 2005039800-\$).did. or (JP-56056604-\$ or JP- 56165527-\$ or JP- 09057696-\$ or JP- 09285813-\$ or JP- 2001054895-\$ or JP- 2005138130-\$ or JP- 2005199319-\$ or JP- 2006043804-\$ or JP- 03216223-\$).did. or (SU- 431016-\$ or JP-09057696- \$ or JP-11138219-\$ or JP- 11300423-\$ or JP- 2001054895-\$ or JP- 2001162331-\$ or DE- 20114860-U-\$ or KR- 2002028031-\$ or RU- 2183525-C-\$ or WO- 2005039800-A-\$ or JP- 2006043804-\$).did.				
L27	47	26 and (hz hertz ultra ultrasonic)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/12/02 16:24
L28	45	26 and (ultrasonic)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/12/02 16:24

L29	8	(ultrasonic adj oscillator) and "83".clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/12/02 16:27
L30	14	(ultrasonic adj oscillator) same punch	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/12/02 16:28
L31	14	("2445934" "2715440" "3468203" "3681627" "4041815" "4153080" "4343111" "4391168"). PN. OR ("4671149"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/12/02 16:31
L32	973	sonotrode	US-PGPUB; USPAT; USOCR	OR	OFF	2008/12/02 16:58
L33	51	32 and punch	US-PGPUB; USPAT; USOCR	OR	OFF	2008/12/02 16:59
L34	19	sonotrode same punch	US-PGPUB; USPAT; USOCR	OR	OFF	2008/12/02 16:59
L35	1	("6698089").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/12/02 16:59
L36	13	sonotrode and 1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/12/02 17:04
L37	47	sonotronic.as.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/12/02 17:09
L38	1	("20080269649").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/12/02 17:12
L39	5	(david same mead).in. and (aries same paul same arthur).in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/12/02 17:14
L40	82	(david same mead).in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/12/02 17:15
L41	8	((("5692423") or ("4132519") or ("5226343") or ("3416398") or ("4665930") or ("4227959") or ("5740712"))).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/12/02 17:18
L42	759	(press same (punch punching)).ti.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/12/02 17:32

L43	4	42 and ultrasonic	US-PGPUB; USPAT; USOCR	OR	OFF	2008/12/02 17:32
S1	1	("20070069003").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/04/21 13:59
S2	7	(teruie same takemasu). in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/04/21 13:59
S3	2	(ichiki same terashima). in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/04/21 14:00
S4	392	(83/686).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/04/21 14:00
S5	23	S4 and vibrat\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/04/21 14:01
S6	1754	(83/684-689).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/04/21 14:07
S7	35	(S6 and vibrat\$4) not S5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/04/21 14:07
S8	10	("1716414" "3640167" "3700150" "3739669" "5156076").PN. OR ("5413018").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/04/21 14:14
S9	16	("3107567" "3211034" "3700150" "3765285" "4524660" "4653365" "5042336" "5253559" "5320013" "5413018" "5448933" "Re34602"). PN. OR ("5692423"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/04/21 14:18
S10	0	(masuzawa and takahisa and hayashi and kazuyuki and miyashita and kinya). in.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/04/21 14:35
S11	5	(masuzawa same takahisa).in.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/04/21 14:35
S12	1	(watabe same masatoshi). in.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/04/21 14:36
S13	0	(nishimoto same eiji).in.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/04/21 14:36
S14	0	(hachikawa same shuichi). in.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/04/21 14:37
S15	0	S6 and hertz	US-PGPUB; USPAT; USOCR	OR	OFF	2008/04/21 14:45

S16	29	S6 and frequency	US-PGPUB; USPAT; USOCR	OR	OFF	2008/04/21 14:45
S17	12	S6 and ultrasonic	US-PGPUB; USPAT; USOCR	OR	OFF	2008/04/21 14:48
S18	371	(83/684).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/04/21 15:23
S19	632	(83/685).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/04/21 15:42
S20	616	S19 not S18	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/04/21 15:42
S21	987	S20 S18	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/04/21 16:13
S22	392	(83/686).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/04/21 16:13
S23	326	S22 not S21	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/04/21 16:14
S24	1313	S23 S21	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/04/21 16:29
S25	383	(83/687).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/04/21 16:29
S26	296	S25 not S24	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/04/21 16:29
S27	1609	S26 S24	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/04/21 16:34
S28	60	(83/688).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/04/21 16:35
S29	46	S28 not S27	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/04/21 16:35
S30	1655	S29 S27	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/04/21 16:35
S31	165	(83/689).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/04/21 16:35

S32	99	S31 not S30	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/04/21 16:35
S33	1754	S32 S30	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/04/21 16:37
S34	659	ultrasonic same punch	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/04/21 16:40
S35	12	((("20040061247") or ("3634916") or ("4516301") or ("4379686") or ("3970023") or ("3728062") or ("3584101") or ("4051754") or ("3716438") or ("4733519"))).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/04/21 17:22
S36	192	(vibration same punch) and "83".clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/04/21 17:26
S37	280	(kawamura same toshio). in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/04/21 17:50
S38	17	S37 and press	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/04/21 17:50
S39	43	(US-20070069003-\$ or US-20040168559-\$ or US- 20040112188-\$ or US- 20060060046-\$ or US- 20010006016-\$ or US- 20040149115-\$).did. or (US-6598505-\$ or US- 6305258-\$ or US- 3974728-\$ or US- 5413018-\$ or US- 5320013-\$ or US- 5692423-\$ or US- 5448933-\$ or US- 3583266-\$ or US- 4007653-\$ or US- 6240818-\$ or US- 7024978-\$ or US- 7343770-\$ or US- RE37323-\$ or US-	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/04/21 17:57

		6880441-\$ or US- 3683736-\$ or US- 3634916-\$ or US- 6370931-\$).did. or (US- 2369896-\$ or US- 2404793-\$).did. or (WO- 2005039800-\$).did. or (JP-56056604-\$ or JP- 56165527-\$ or JP- 09057696-\$ or JP- 09285813-\$ or JP- 2001054895-\$ or JP- 2005138130-\$ or JP- 2005199319-\$ or JP- 2006043804-\$ or JP- 03216223-\$).did. or (SU- 431016-\$ or JP-09057696- \$ or JP-11138219-\$ or JP- 11300423-\$ or JP- 2001054895-\$ or JP- 2001162331-\$ or DE- 20114860-U-\$ or KR- 2002028031-\$ or RU- 2183525-C-\$ or WO- 2005039800-A-\$ or JP- 2006043804-\$).did.				
S40	22	S39 and ultrasonic	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/04/21 17:57

12/ 2/ 2008 6:18:48 PM

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